



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER20060001

Agency Interest No. 585

Steve Carter
Vice President, Regulated Generation
CLECO Corporation
2030 Donahue Ferry Road
Pineville, LA 71360

RE: Part 70 Operating Permit, Dolet Hills Power Station
CLECO Corporation, Mansfield, DeSoto Parish, Louisiana

Dear Mr. Carter:

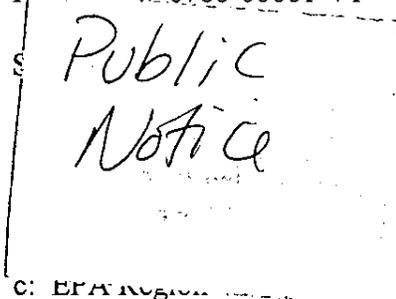
This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 22nd of May, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2006.

Permit No.: 0760-00001-V1



C: EPA REGION

ENVIRONMENTAL SERVICES

: PO BOX 4313, BATON ROUGE, LA 70821-4313

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AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Dolet Hills Power Station
Agency Interest No.: 585
CLECO Corporation
Mansfield, DeSoto Parish, Louisiana

I. Background

CLECO Corporation's Dolet Hills Power Station is an existing power station. The facility currently operates under Permit No. 0760-00001-V0, issued May 22, 2006. Dolet Hills Power Station also operates under Acid Rain Permit no. 0760-00001-IV1 and also PSD permit PSD-LA-711 (M-4) issued July 10, 1988, and amended on June 12, 1996, October 16, 1996, and October 17, 2002. Dolet Hills is currently requesting a modification to the Title V Permit.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by CLECO Corporation on May 8, 2006, requesting a Part 70 operating permit and PSD Permit. Additional information dated June 19, 2006 was also received.

III. Description

Dolet Hills Power Station is a fossil fuel-fired steam/electric generation facility. Fossil fuels are fired in a boiler to produce steam that is used to power a steam turbine/electric generator. Unit 1 Boiler burns natural gas, propane, No. 2 fuel oil, and lignite.

Emission sources include the boiler; tanks; coal and fly ash handling, storage and transfer; erosion; fugitive dust from roads; and standby diesel-fired fire pump and generator engines. Particulate emissions result from coal and fly ash handling, storage, and transfer. Most ash is marketed. Fly ash not sold is managed in an onsite landfill.

An electrostatic precipitator and a flue gas desulfurization system control particulate matter (PM₁₀) and sulfur dioxide (SO₂) emissions from the Unit 1 boiler. Water sprays and chemical wetting agents are used for dust suppression. Coal conveyors are enclosed. Baghouses and cyclones are used to control particulate emissions from the coal and fly ash silos and fly ash loading.

Lignite is delivered from a nearby surface mine. Limestone is delivered by railcar and trucks. Lignite and coal handling sources of particulate emissions. There are numerous tanks and material handling equipment associated with this facility.

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Cleco Power's Dolet Hills Power Station proposes a 2 phase project to reduce NO_x emissions by replacing older remaining burners with low NO_x burners. The first phase of this project was covered under the Authorization to Construct that was issued on December 22, 2005. The ATC retrofitted 16 new burners for the facility's Unit 1 boiler, Source ID 1-78.

Cleco is proposing to replace existing burners with new low NO_x burners and to add an over-fire air to the Unit 1 Boiler to further reduce NO_x emissions. As a result of the addition of over-fire air to the Unit 1 Boiler, CO emissions will increase above the significance for PSD.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	2618.80	2618.80	-
SO ₂	35850.50	35850.50	-
NO _x	17934.53	8970.53	-8964.00
CO	2498.62	4482.62	+1984.00
VOC *	98.22	98.22	-

*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Benzene	3.138	3.138	-
Ethylbenzene	0.227	0.227	-
Formaldehyde	0.598	0.598	-
Hexane	0.288	0.288	-
Toluene	0.584	0.584	-
Xylene	0.091	0.091	-
Acetaldehyde	1.375	1.375	-
Acetophenone	0.036	0.036	-
Acrolein	0.700	0.700	-
Benzyl Chloride	1.689	1.689	-
Biphenyl	0.004	0.004	-
Bis(2-ethylhexyl)phthalate	0.176	0.176	-

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*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
Bromoform	0.094	0.094	-
Carbon disulfide	0.314	0.314	-
2-Chloroacetophenone	0.017	0.017	-
Chlorobenzene	0.053	0.053	-
Chloroform	0.142	0.142	-
Cumene	0.013	0.013	-
Dimethyl Sulfate	0.116	0.116	-
Dichlorobenzene	<0.001	<0.001	-
2,4-Dinitrotoluene	0.001	0.001	-
Chlorinated dibenzo-p-dioxins	<0.001	<0.001	-
Ethyl Chloride	0.101	0.101	-
Ethylene dichloride	0.096	0.096	-
Ethylene dibromide	0.003	0.003	-
Isophorone	1.399	1.399	-
Methyl bromide	0.386	0.386	-
Methyl Chloride	1.278	1.278	-
Methyl Ethyl Ketone	0.941	0.941	-
Methyl Hydrazine	0.410	0.410	-
Methyl Methacrylate	0.048	0.048	-
2-Methylnaphthalene	<0.001	<0.001	-
Methyl tert butyl ether	0.084	0.084	-
Naphthalene	0.032	0.032	-
Phenol	0.039	0.039	-
Propionaldehyde	0.917	0.917	-
Styrene	0.060	0.060	-
Vinyl Acetate	0.018	0.018	-
PAH's	0.052	0.052	-
Total	15.520	15.520	-

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Non-VOC TAP Speciation:

Pollutant	Before	After	Change
Antimony	0.046	0.046	-
Arsenic	0.991	0.991	-
Barium	3.901	3.901	-
Beryllium	0.051	0.051	-
Cadmium	0.123	0.123	-
Chromium VI	0.191	0.191	-
Cobalt	0.245	0.245	-
Copper	0.199	0.199	-
Cyanide Compounds	6.030	6.030	-
Lead	1.014	1.014	-
Manganese	1.209	1.209	-
Mercury	0.201	0.201	-
Methylene Chloride	0.700	0.700	-
Nickel	0.727	0.727	-
Selenium	3.141	3.141	-
Sulfuric Acid	26.500	26.500	-
Tetrachloroethylene	0.104	0.104	-
Zinc	0.591	0.591	-
HCl	487.000	487.000	-
HF	71.600	71.600	-
1,1,1-Trichloroethane	0.048	0.048	-
Ammonia	1.095	1.095	-
Total	605.707	605.707	-

Other VOC (TPY): **82.70**

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, Prevention of Significant Deterioration (PSD) and New Source Performance Standards (NSPS). National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility would be a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51; however, electric utility steam generating units are currently exempted per 5105.B.2.

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V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in *The Enterprise*, Mansfield, on <date>, 200X; and submitted to the DeSoto Parish Library on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Dispersion Model(s) Used: ISCST3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
CO	1-hour	*67.93 $\mu\text{g}/\text{m}^3$	{40,000 $\mu\text{g}/\text{m}^3$ }
	8-hour	*19.50 $\mu\text{g}/\text{m}^3$	{10,000 $\mu\text{g}/\text{m}^3$ }

*Preliminary Screening

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VIII. General Condition XVII Activities

The boilers are cleaned with tetra ammonium ethylene diamine tetra acetic acid (EDTA), corrosion inhibitor, hydrogen peroxide, sodium nitrate, antifoaming agent, and/or ammonium bromate every three to five years. The liquid waste and water flush from this process is injected into the boilers at 5% of the boiler steam rate and evaporated. The following table shows the potential emissions from boiler cleaning.

<u>Pollutant</u>	<u>Emissions (lb/yr)</u>
Chromium	<25
Copper	<25
Iron	8,170
Magnesium	17
Nickel	<25
Zinc	<200
Hydrochloric Acid	249

IX. Insignificant Activities

ID No.:	Description	Tank Capacity and Operating Rate	Citation
01	Unit 1 Lube Oil Tanks	<10,000 gallons	LAC33:III.501.B.5.A.3
02	Used Oil Storage Tanks	<10,000 gallons	LAC33:III.501.B.5.A.3
03	Caustic Tanks	N/A	LAC33:III.501.B.5.B.40
04	Fuel Burning Heating Equipment	<1 MMBtu/hr	LAC33:III.501.B.5.A.5
05	Propane Vaporizer	5.8 MMBtu/hr	LAC33:III.501.B.5.A.1
06	Exhaust Hoods and Vents	N/A	LAC33:III.501.B.5.A.9
07	Fire Pump Diesel Tank	<10,000 gallons	LAC33:III.501.B.5.A.3
08	Emergency Generator Diesel Tank	<10,000 gallons	LAC33:III.501.B.5.A.3
09	Kerosene Tank	1,000 gallons	LAC33:III.501.B.5.A.3
1-2000	Ash Transfer System	150 tons/hr	LAC33:III.501.B.5.D
	Wastewater Treatment Fugitives		LAC33:III.501.B.5.D

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X.	Table 1. Applicable Louisiana and Federal Air Quality Requirements																	
	ID No.:	Description	LAC 33:III.Chapter															
	5 ^A	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2121	22	29*	51*	53*	56	59*
		1	1	1	1					1					2		1	3
EQT 2	Plant Wide																	
EQT 3	1-78 Unit 1 Boiler	1	1	1	1													
EQT 4	4-78 Fuel Oil Storage Tank					3												
EQT 5	1-96 Silo Dust Collectors			1														
EQT 6	2-96 Lignite Silo Dust Collectors			1														
EQT 7	3-96 Central Vacuum Cleaning			1														
EQT 8	5-96 Cooling Tower			1														
EQT 9	6-96 Diesel Tank 1					3												
EQT 10	7-96 Diesel Tank 2					3												
EQT 11	8-96 Diesel Tank 3					3												
EQT 12	9-96 Diesel Tank 4					3												
EQT 13	10-96 Gasoline Tank					1												
EQT 14	1-02 Fire Pump Diesel Engine			1	1													
EQT 15	2-02 Emergency Generator Diesel			1	1													
EQT 16	3-02 Sulfuric Acid Tank																	
FUG1	4-02 Sulfuric Acid Tank																	
	5-78 Lignite Storage	1		1														

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		5 [▲]	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2121	22	29*	51*	53*	56	59*
FUG 2	6-78 Limestone Storage	1			1														
FUG 3	7-78 Lignite Transfer	1			1														
FUG 4	8-78 Limestone Transfer	1			1														
FUG 5	10-78 Lignite Unloading	1			1														
FUG 6	11-78 Limestone Unloading	1			1														
FUG 7	12-78 Fugitive Dust-Roads				1														
FUG 8	4-96A Fly Ash Loading Emissions				1														
FUG 9	4-96B Scrubber Ventilation Vent				1														

* The regulations indicated above are State Only regulations.
 ▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
Facility Wide	Chemical Accident Prevention and Minimization of Consequences, LAC 33:III.Chapter 59	Does Not Apply- Facility does not store listed chemicals above the threshold quantities, except propane which is excluded from regulation when it is used as a fuel or held for sale as a fuel. [§68.126]
	Chemical Accident Prevention Provisions, 40 CFR 68	
1-78 Unit 1 Boiler	Comprehensive TAP Emission Control Program, LAC 33:III.5109-State Only	Exempt- Electric utility steam generating units are exempt per LAC 33:III.5105.B.2.
	NSPS Subpart Da- Standards of Performance for Steam Generating Units.	Does Not Apply. Since Subpart Da is not applicable since no construction, modification, or reconstruction has occurred after September 18, 1978. The changes to the permit did not meet the definition of a modification per 40 CFR 60.14(h).
	NSPS Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units (40 CFR 60.40b-60.49b)	Does Not Apply. The regulation applies to steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity of greater than 29 MW (100 MMBtu/hr).

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ID No:	Requirement
	<p>NSPS Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam-Generating Units (40 CFR 40c-48c)</p> <p>Chapter 9. General Regulations on Control of Emissions and Emissions Standards – Emission Monitoring Requirements (LAC 33:III.915)</p> <p>Chapter 15. Emissions Standards for Sulfur Dioxide- Continuous Emissions Monitoring (LAC 33:III.1511)</p> <p>NO_x Budget Trading Program for State Implementation Plans (40 CFR 96.1-96.382)</p> <p>Federal NO_x Budget Trading Program (40 CFR 97.1-97.90)</p>
1-78 Unit 1 Boiler cont.	<p>Does Not Apply. The regulation applies to steam generating unit for which construction, modification, or reconstruction is commenced after June 9, 1989 and that has a maximum design heat input capacity of 29 MW (100 MMBtu/hr) or less, but greater than or equal to 2.9 MW (10 MMBtu/hr).</p> <p>Does Not Apply. Facilities subject to a new source performance standard in 40 CFR 60 are exempted from the requirements of LAC 33:III.915.A.</p> <p>Exempt. Facility is subject to a new source performance standard and exempt from the Chapter 15 continuous emissions monitoring requirements per LAC 33:III.915.D.</p>
4-78 Fuel Oil Storage Tank	<p>Does Not Apply. Applies to facilities subject to the NO_x Budget Trading Program in states that adopt a NO_x Budget Trading Program in accordance with 40 CFR 51.121.</p> <p>No Specific Requirements. Per 40 CFR 52.34, Louisiana is not included in the list of participating states.</p> <p>Does Not Apply- Maximum TVP<1.5psia.</p>

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No.	Requirement	Notes
4-78 Fuel Oil Storage Tank Cont.	NSPS Subpart Kb- Standards of Performance for Storage Vessels for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels)	Does Not Apply. Maximum true vapor pressure less than 3.5 kPa. 60.110b(b)
5-96 Cooling Tower	NESHAP 40 CFR 63 Subpart Q- Industrial Process Cooling Towers, 40 CFR 63.400.	Facility does not use chromium-based water treatment chemicals.
6-96-9-96 Diesel Tanks 1-4	Storage of Volatile Organic Compounds, LAC33:III.2103	Does Not Apply - maximum TVP <1.5 psia
10-96 Gasoline Tank	NSPS Subpart Kb- Standards of Performance for Volatile Organic Liquid Storage Vessels, 40 CFR 60.110b NSPS SubpartKb- Standards of Performance for Volatile Organic Liquid Storage Vessels, 40 CFR 60.110b	Does Not Apply- Tank Capacities < 19,815 gallons. Does Not Apply- Tank Capacities <19,815 gallons.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
[Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of

40 CFR PART 70 GENERAL CONDITIONS

attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

40 CFR PART 70 GENERAL CONDITIONS

5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33.III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

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- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated May 8, 2006, along with supplemental information dated June 19, 2006.
- IV. This permit shall become invalid, for the sources not constructed, if:
- A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.
- The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
- This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
- B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
1. Report by June 30 to cover January through March
 2. Report by September 30 to cover April through June
 3. Report by December 31 to cover July through September
 4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
- B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
- C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
- D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 585 CLECO Corp - Dolet Hills Power Station
Activity Number: PER20060001
Permit Number: 0760-00001-V1
Air - Title V Regular Permit Major Mod

ID	Name	User Group	Start Date
0760-00001	CLECO Corp - Dolet Hills Power Station	CDS Number	05-27-1993
0760-0001	CLECO Corp - Dolet Hills Power Station	Emission Inventory	03-03-2004
LAD000726406	CLECO - Dolet Hills Power Station	Hazardous Waste Notification	08-18-1980
LA0062600	WPC File Number	LPDES Permit #	06-25-2003
LAR05N188	LPDES #	LPDES Permit #	04-05-2002
WP1042	WPC State Permit Number	LWDPS Permit #	06-25-2003
LA-4658-L01	Radioactive Material License	Radiation License Number	12-29-2000
D-031-1551	Facility ID #	Solid Waste Facility No.	08-02-2001
17002	Central LA Electric Co Inc	TEMPO Merge	03-07-2001
19870	CLECO Utility Group Inc - Dolet Hills Power Station	TEMPO Merge	03-07-2001
38901	CLECO Power LLC - Dolet Hills Power Station	TEMPO Merge	03-07-2001
8021	CLECO Corp	TEMPO Merge	10-23-2001
83755	CLECO Utility Group Inc - Dolet Hills Power Station 963	TEMPO Merge	03-07-2001
71052CLCCR963PO	TRI #	Toxic Release Inventory	07-09-2004
16-001666	UST Facility ID (from UST legacy data)	Underground Storage Tanks	10-11-2002

Main Phone: 3188717742

Physical Location:

963 Power Plant Rd
Mansfield, LA 71052

Mailing Address:

963 Power Plant Rd
Mansfield, LA 71052

Location of Front Gate:

32° 2' 11" latitude, 93° 34' 15" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD27

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Steve Carter	963 Power Plant Rd Mansfield, LA 71052		Responsible Official for
Brent Croom	PO Box 5000 Pineville, LA 713615000	3184847442 (WP)	Air Permit Contact For
Anna Hanna	963 Power Plant Rd Mansfield, LA 71052	3188713162 (WP)	Radiation Safety Officer for
Anna Hanna	963 Power Plant Rd Mansfield, LA 71052	3188713227 (WF)	Radiation Safety Officer for
Anna Hanna	963 Power Plant Rd Mansfield, LA 71052	3183082254 (CP)	Radiation Safety Officer for
Anna Hanna	963 Power Plant Rd Mansfield, LA 71052	anna.hanna@cleco.	Radiation Safety Officer for

Related Organizations:

Name	Address	Phone (Type)	Relationship
CLECO Corp - Environmental Services Dept	Attn Rick Nguyen Pineville, LA 713605000		Accident Prevention Billing Party for
CLECO Corp - Environmental Services Dept	Attn Rick Nguyen Pineville, LA 713605000		Air Billing Party for
CLECO Corp - Environmental Services Dept	Attn Rick Nguyen Pineville, LA 713605000		Haz. Waste Billing Party for

General Information

AI ID: 585 CLECO Corp - Dolet Hills Power Station
 Activity Number: PER20060001
 Permit Number: 0760-00001-V1
 Air - Title V Regular Permit Major Mod

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Dept CLECO Corp - Environmental Services	Attn Rick Nguyen Pineville, LA 713605000		Radiation License Billing Party for
	Dept CLECO Corp - Environmental Services	Attn Rick Nguyen Pineville, LA 713605000		Solid Waste Billing Party for
	Dept CLECO Corp - Environmental Services	Attn Rick Nguyen Pineville, LA 713605000		Water Billing Party for
	Dept CLECO Corp - Environmental Services	Attn Rick Nguyen Pineville, LA 713605000		Owns & Operates
SIC Codes:	4911, Electric services			

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT002	1-78 Unit 1 Boiler			7600 MM BTU/hr		8760 hr/yr (All Year)
EQT003	4-78 Fuel Oil Storage Tank	2.1 million gallons		21 MM gallons/yr		8760 hr/yr (All Year)
EQT004	1-96 Unit Silo Dust Collectors			15000 ft ³ /min		6000 hr/yr (All Year)
EQT005	2-96 Lignite Silo Dust Collectors			15000 ft ³ /min		6000 hr/yr (All Year)
EQT006	3-96 Central Vacuum Cleaning System			450 ft ³ /min		500 hr/yr (All Year)
EQT007	5-96 Cooling Tower			192370 MM gallons/yr		8760 hr/yr (All Year)
EQT008	6-96 Diesel Tank 1	10000 gallons		20000 gallons/yr		8760 hr/yr (All Year)
EQT009	7-96 Diesel Tank 2	10000 gallons		20000 gallons/yr		8760 hr/yr (All Year)
EQT010	8-96 Diesel Tank 3	10000 gallons		20000 gallons/yr		8760 hr/yr (All Year)
EQT011	9-96 Diesel Tank 4	10000 gallons		20000 gallons/yr		8760 hr/yr (All Year)
EQT012	10-96 Gasoline Tank	1000 gallons		12000 gallons/yr		8760 hr/yr (All Year)
EQT013	1-02 Fire Pump Diesel Engine			325 horsepower		500 hr/yr (All Year)
EQT014	2-02 Emergency Generator Diesel Engine			650 horsepower		500 hr/yr (All Year)
EQT015	3-02 Sulfuric Acid Tank	15000 gallons		42000 gallons/yr		8760 hr/yr (All Year)
EQT016	4-02 Sulfuric Acid Tank	15000 gallons		20000 gallons/yr		8760 hr/yr (All Year)
EQT017	1-2000 Ash Transfer System			150 tons/hr		8760 hr/yr (All Year)
FUG001	5-78 Lignite Storage			400000 tons/yr		8760 hr/yr (All Year)
FUG002	6-78 Limestone Storage			125000 tons/yr		8760 hr/yr (All Year)
FUG003	7-78 Lignite Transfer			2.75 MM tons/yr		8760 hr/yr (All Year)
FUG004	8-78 Limestone Transfer			105000 tons/yr		8760 hr/yr (All Year)
FUG005	10-78 Lignite Unloading			815000 tons/yr		8760 hr/yr (All Year)
FUG006	11-78 Limestone Unloading			110000 tons/yr		8760 hr/yr (All Year)
FUG007	12-78 Fugitive Dust-Roads			40470 vehicle miles traveled/yr		1349 hr/yr (All Year)
FUG008	4-96A Fly Ash Loading Emissions			210000 tons/yr		1500 hr/yr (All Year)
FUG009	4-96B Scrubber Ventilation Vent			17000 ft ³ /min		8760 hr/yr (All Year)

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP003	Entire Facility	EQT2 1-78 Unit 1 Boiler
GRP003	Entire Facility	EQT3 4-78 Fuel Oil Storage Tank
GRP003	Entire Facility	EQT4 1-96 Unit Silo Dust Collectors
GRP003	Entire Facility	EQT5 2-96 Lignite Silo Dust Collectors
GRP003	Entire Facility	EQT6 3-96 Central Vacuum Cleaning System
GRP003	Entire Facility	EQT7 5-96 Cooling Tower
GRP003	Entire Facility	EQT8 6-96 Diesel Tank 1
GRP003	Entire Facility	EQT9 7-96 Diesel Tank 2

INVENTORIES

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP003	Entire Facility	EQT10 8-96 Diesel Tank 3
GRP003	Entire Facility	EQT11 9-96 Diesel Tank 4
GRP003	Entire Facility	EQT12 10-96 Gasoline Tank
GRP003	Entire Facility	EQT13 1-02 Fire Pump Diesel Engine
GRP003	Entire Facility	EQT14 2-02 Emergency Generator Diesel Engine
GRP003	Entire Facility	EQT15 3-02 Sulfuric Acid Tank
GRP003	Entire Facility	EQT16 4-02 Sulfuric Acid Tank
GRP003	Entire Facility	EQT17 1-2000 Ash Transfer System
GRP003	Entire Facility	FUG1 5-78 Lignite Storage
GRP003	Entire Facility	FUG2 6-78 Limestone Storage
GRP003	Entire Facility	FUG3 7-78 Lignite Transfer
GRP003	Entire Facility	FUG4 8-78 Limestone Transfer
GRP003	Entire Facility	FUG5 10-78 Lignite Unloading
GRP003	Entire Facility	FUG6 11-78 Limestone Unloading
GRP003	Entire Facility	FUG7 12-78 Fugitive Dust-Roads
GRP003	Entire Facility	FUG8 4-96A Fly Ash Loading Emissions
GRP003	Entire Facility	FUG9 4-96B Scrubber Ventilation Vent

Relationships:

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT002	83		25		525	163
EQT004		15000				
EQT005		15000				
EQT006		450				

Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
A1585	650	MW	1400 - A) Electric Power Gen. (Over 0.7 percent S in Fuel) (Rated Capacity)
			1D14 - Level or density gauges

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	575.00	575.00	2519.00	8185.00	8185.00	35850.00	2046.00	3411.00	8963.00	1023.00	1364.00	4481.00	22.10	33.70	96.90
EQT 003 4-78													0.11	0.11	0.47
EQT 004 1-96	1.29	1.29	3.86												
EQT 005 2-96	1.29	1.29	3.86												
EQT 006 3-96	0.08	0.08	0.02												
EQT 007 5-96	1.87	1.87	8.19												
EQT 008 6-96													< 0.001	< 0.001	0.001
EQT 009 7-96													< 0.001	< 0.001	0.001
EQT 010 8-96													< 0.001	< 0.001	0.001
EQT 011 9-96													< 0.001	< 0.001	0.001
EQT 012 10-96													0.05	0.05	0.23
EQT 013 1-02	0.71	0.71	0.18	0.66	0.66	0.17	10.03	10.03	2.51	2.16	2.16	0.54	0.82	0.82	0.21
EQT 014 2-02	1.41	1.41	0.35	1.32	1.32	0.33	20.07	20.07	5.02	4.32	4.32	1.08	1.64	1.64	0.41
EQT 017 1-2000	0.02	0.02	0.07												
FUG 001 5-78	2.40	2.40	10.51												
FUG 002 6-78	0.10	0.10	0.44												
FUG 003 7-78	2.40	2.40	10.51												
FUG 004 8-78	0.60	0.60	2.63												

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 005 10-78	2.40	2.40	10.51												
FUG 006 11-78	0.20	0.20	0.88												
FUG 007 12-78	58.20	58.20	39.26												
FUG 008 4-98A	0.21	0.21	0.16												
FUG 009 4-98B	1.91	1.91	8.36												

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 2618.80 tons/yr

SO2: 35850.50 tons/yr

NOx: 8970.53 tons/yr

CO: 4482.62 tons/yr

VOC: 98.22 tons/yr

Emission rates Notes:

EQT 002	PM10	Avg lb/hr	Where emission limits are based on both maximum allowable emissions in pounds per hour and an allowable based on lb/MMBtu heat input, both of these emission limits must be met to achieve compliance with this permit. Which Months: All Year
EQT 002	PM10	Max lb/hr	Where emission limits are based on both maximum allowable emissions in pounds per hour and an allowable based on lb/MMBtu heat input, both of these emission limits must be met to achieve compliance with this permit. Which Months: All Year
EQT 002	SO2	Avg lb/hr	Where emission limits are based on both maximum allowable emissions in pounds per hour and an allowable based on lb/MMBtu heat input, both of these emission limits must be met to achieve compliance with this permit. Which Months: All Year
EQT 002	SO2	Max lb/hr	Where emission limits are based on both maximum allowable emissions in pounds per hour and an allowable based on lb/MMBtu heat input, both of these emission limits must be met to achieve compliance with this permit. Which Months: All Year
EQT 002	NOx	Avg lb/hr	Where emission limits are based on both maximum allowable emissions in pounds per hour and an allowable based on lb/MMBtu heat input, both of these emission limits must be met to achieve compliance with this permit. Which Months: All Year
EQT 002	NOx	Max lb/hr	Where emission limits are based on both maximum allowable emissions in pounds per hour and an allowable based on lb/MMBtu heat input, both of these emission limits must be met to achieve compliance with this permit. Which Months: All Year
EQT 002	CO	Avg lb/hr	Where emission limits are based on both maximum allowable emissions in pounds per hour and an allowable based on lb/MMBtu heat input, both of these emission limits must be met to achieve compliance with this permit. Which Months: All Year
EQT 002	CO	Max lb/hr	Where emission limits are based on both maximum allowable emissions in pounds per hour and an allowable based on lb/MMBtu heat input, both of these emission limits must be met to achieve compliance with this permit. Which Months: All Year

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station
 Activity Number: PER20060001
 Permit Number: 0760-00001-V1
 Air - Title V Regular Permit Major Mod

All phases

Subject Item	1,1,1-Trichloroethane			1,2-Dibromoethane			1,2-Dichloroethane			2,4-Dinitrotoluene			2-Methylnaphthalene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	0.011	0.015	0.048	0.001	0.001	0.003	0.022	0.026	0.096	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.001
EQT 004 1-96															
EQT 005 2-96															
EQT 006 3-96															
EQT 013 1-02															
EQT 014 2-02															
EQT 015 3-02															
EQT 016 4-02															
EQT 017 1-2000															
FUG 001 5-78															
FUG 003 7-78															
FUG 005 10-78															
FUG 008 4-96A															
FUG 009 4-96B															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

All phases

Subject Item	Acetaldehyde			Acetophenone			Acrolein			Ammonia			Antimony (and compounds)		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	0.314	0.386	1.375	0.008	0.010	0.036	0.160	0.192	0.700	0.250	0.250	1.095	0.010	0.046	0.045
EQT 004 1-96													< 0.001	< 0.001	< 0.001
EQT 005 2-96													< 0.001	< 0.001	< 0.001
EQT 006 3-96													< 0.001	< 0.001	< 0.001
EQT 013 1-02															
EQT 014 2-02															
EQT 015 3-02													< 0.001	< 0.001	< 0.001
EQT 016 4-02															
EQT 017 1-2000													< 0.001	< 0.001	< 0.001
FUG 001 5-78													< 0.001	< 0.001	< 0.001
FUG 003 7-78													< 0.001	< 0.001	< 0.001
FUG 005 10-78													< 0.001	< 0.001	< 0.001
FUG 008 4-96A													< 0.001	< 0.001	< 0.001
FUG 009 4-96B													< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

All phases

Subject Item	Arsenic (and compounds)			Barium (and compounds)			Benzene			Benzyl chloride			Beryllium (Table 51.1)		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	0.266	0.284	0.990	0.874	1.070	3.830	0.716	0.862	3.136	0.386	0.463	1.689	0.012	0.014	0.051
EQT 004 1-96	< 0.001	< 0.001	< 0.001	0.001	0.001	0.003							< 0.001	< 0.001	< 0.001
EQT 005 2-96	< 0.001	< 0.001	< 0.001	0.001	0.001	0.003							< 0.001	< 0.001	< 0.001
EQT 006 3-96	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001
EQT 013 1-02							< 0.001	< 0.001	0.001						
EQT 014 2-02							< 0.001	< 0.001	0.001						
EQT 015 3-02															
EQT 016 4-02															
EQT 017 1-2000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001
FUG 001 5-78	< 0.001	< 0.001	< 0.001	0.002	0.002	0.009							< 0.001	< 0.001	< 0.001
FUG 003 7-78	< 0.001	< 0.001	< 0.001	0.002	0.002	0.009							< 0.001	< 0.001	< 0.001
FUG 005 10-78	< 0.001	< 0.001	< 0.001	0.002	0.002	0.009							< 0.001	< 0.001	< 0.001
FUG 008 4-96A	< 0.001	< 0.001	< 0.001	0.003	0.003	< 0.001							< 0.001	< 0.001	< 0.001
FUG 009 4-96B	< 0.001	< 0.001	< 0.001	0.009	0.009	0.038							< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station
 Activity Number: PER20060001
 Permit Number: 0760-00001-V1
 Air - Title V Regular Permit Major Mod

All phases

Subject item	Biphenyl			Bromoform			Cadmium (and compounds)			Carbon disulfide			Chlorinated dibenzo-p-dioxins		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	0.001	0.001	0.004	0.021	0.026	0.094	0.028	0.038	0.123	0.072	0.086	0.314	< 0.001	< 0.001	< 0.001
EQT 004 1-96							< 0.001	< 0.001	< 0.001						
EQT 005 2-96							< 0.001	< 0.001	< 0.001						
EQT 006 3-96							< 0.001	< 0.001	< 0.001						
EQT 013 1-02															
EQT 014 2-02															
EQT 015 3-02															
EQT 016 4-02															
EQT 017 1-2000							< 0.001	< 0.001	< 0.001						
FUG 001 5-78							< 0.001	< 0.001	< 0.001						
FUG 003 7-78							< 0.001	< 0.001	< 0.001						
FUG 005 10-78							< 0.001	< 0.001	< 0.001						
FUG 008 4-96A							< 0.001	< 0.001	< 0.001						
FUG 009 4-96B							< 0.001	< 0.001	< 0.001						

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

All phases

Subject Item	Chlorobenzene			Chloroethane			Chloroform			Chromium VI (and compounds)			Cobalt compounds		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	0.012	0.015	0.053	0.023	0.028	0.101	0.032	0.039	0.142	0.044	0.052	0.191	0.056	0.124	0.244
EQT 004 1-96										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 005 2-96										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 006 3-96										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 013 1-02															
EQT 014 2-02															
EQT 015 3-02															
EQT 016 4-02															
EQT 017 1-2000										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 001 5-78										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 003 7-78										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 005 10-78										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 008 4-96A										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 009 4-96B										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station
 Activity Number: PER20060001
 Permit Number: 0760-00001-V1
 Air - Title V Regular Permit Major Mod

All phases

Subject Item	Copper (and compounds)				Cumene				Cyanide compounds				Dichlorobenzene				Dichloromethane			
	Avg lb/hr	Max lb/hr	Tons/Year		Avg lb/hr	Max lb/hr	Tons/Year		Avg lb/hr	Max lb/hr	Tons/Year		Avg lb/hr	Max lb/hr	Tons/Year		Avg lb/hr	Max lb/hr	Tons/Year	
EQT 002 1-78	0.045	0.071	0.197		0.003	0.004	0.013		1.380	1.650	6.030		< 0.001	0.002	< 0.001		0.160	0.192	0.700	
EQT 004 1-96	< 0.001	< 0.001	< 0.001																	
EQT 005 2-96	< 0.001	< 0.001	< 0.001																	
EQT 006 3-96	< 0.001	< 0.001	< 0.001																	
EQT 013 1-02																				
EQT 014 2-02																				
EQT 015 3-02																				
EQT 016 4-02																				
EQT 017 1-2000	< 0.001	< 0.001	< 0.001																	
FUG 001 5-78	< 0.001	< 0.001	< 0.001																	
FUG 003 7-78	< 0.001	< 0.001	< 0.001																	
FUG 005 10-78	< 0.001	< 0.001	< 0.001																	
FUG 008 4-96A	< 0.001	< 0.001	< 0.001																	
FUG 009 4-96B	< 0.001	< 0.001	0.001																	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

All phases

Subject Item	Dimethyl sulfate			Ethyl benzene			Formaldehyde			Hydrochloric acid			Hydrofluoric acid		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	0.026	0.032	0.116	0.052	0.063	0.227	0.136	0.474	0.596	111.000	137.00	487.00	16.400	19.800	71.600
EQT 004															
EQT 005 1-96															
EQT 006 2-96															
EQT 006 3-96															
EQT 013 1-02							< 0.001	< 0.001	0.001						
EQT 014 2-02							< 0.001	< 0.001	0.001						
EQT 015 3-02															
EQT 016 4-02															
EQT 017 1-2000															
FUG 001 5-78															
FUG 003 7-78															
FUG 005 10-78															
FUG 008 4-96A															
FUG 009 4-96B															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station
 Activity Number: PER20060001
 Permit Number: 0760-00001-V1
 Air - Title V Regular Permit Major Mod

All phases

Subject Item	Isophorone			Lead compounds			Manganese (and compounds)			Mercury (and compounds)			Methyl Tertiary Butyl Ether		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	0.319	0.383	1.399	0.231	0.292	1.014	0.270	0.353	1.184	0.046	0.056	0.200	0.019	0.023	0.084
EQT 004 1-96				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.001			
EQT 005 2-96				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.001			
EQT 006 3-96				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
EQT 013 1-02															
EQT 014 2-02															
EQT 015 3-02															
EQT 016 4-02															
EQT 017 1-2000				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
FUG 001 5-78				< 0.001	< 0.001	< 0.001	0.001	0.001	0.003	< 0.001	< 0.001	< 0.001			
FUG 003 7-78				< 0.001	< 0.001	< 0.001	0.001	0.001	0.003	< 0.001	< 0.001	< 0.001			
FUG 005 10-78				< 0.001	< 0.001	< 0.001	0.001	0.001	0.003	< 0.001	< 0.001	< 0.001			
FUG 008 4-96A				< 0.001	< 0.001	< 0.001	0.001	0.001	0.001	< 0.001	< 0.001	< 0.001			
FUG 009 4-96B				< 0.001	< 0.001	< 0.001	0.003	0.003	0.014	< 0.001	< 0.001	< 0.001			

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

All phases

Subject Item	Methyl bromide			Methyl chloride			Methyl ethyl ketone			Methyl methacrylate			Monomethyl hydrazine		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	0.088	0.106	0.386	0.292	0.350	1.278	0.215	0.258	0.941	0.011	0.013	0.048	0.094	0.112	0.410
EQT 004 1-96															
EQT 005 2-96															
EQT 006 3-96															
EQT 013 1-02															
EQT 014 2-02															
EQT 015 3-02															
EQT 016 4-02															
EQT 017 1-2000															
FUG 001 5-78															
FUG 003 7-78															
FUG 005 10-78															
FUG 008 4-96A															
FUG 009 4-96B															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station
 Activity Number: PER20060001
 Permit Number: 0760-00001-V1
 Air - Title V Regular Permit Major Mod

All phases

Subject Item	Naphthalene			Nickel (and compounds)			Phenol			Polynuclear Aromatic Hydrocarbons			Propionaldehyde		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	0.007	0.019	0.032	0.166	1.120	0.726	0.009	0.011	0.039	0.012	0.057	0.052	0.209	0.251	0.917
EQT 004 1-96				< 0.001	< 0.001	< 0.001									
EQT 005 2-96				< 0.001	< 0.001	< 0.001									
EQT 006 3-96				< 0.001	< 0.001	< 0.001									
EQT 013 1-02															
EQT 014 2-02															
EQT 015 3-02															
EQT 016 4-02															
EQT 017 1-2000				< 0.001	< 0.001	< 0.001									
FUG 001 5-78				< 0.001	< 0.001	< 0.001									
FUG 003 7-78				< 0.001	< 0.001	< 0.001									
FUG 005 10-78				< 0.001	< 0.001	< 0.001									
FUG 008 4-96A				< 0.001	< 0.001	< 0.001									
FUG 009 4-96B				< 0.001	< 0.001	< 0.001									

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-Y1

Air - Title V Regular Permit Major Mod

All phases

Subject Item	Selenium (and compounds)			Styrene			Sulfuric acid			Tetrachloroethylene			Toluene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	0.716	0.866	3.140	0.014	0.017	0.060	6.060	7.270	26.500	0.024	0.028	0.104	0.133	0.218	0.582
EQT 004 1-96	< 0.001	< 0.001	< 0.001												
EQT 005 2-96	< 0.001	< 0.001	< 0.001												
EQT 006 3-96	< 0.001	< 0.001	< 0.001												
EQT 013 1-02															
EQT 014 2-02															
EQT 015 3-02							< 0.001	< 0.001	< 0.001						
EQT 016 4-02							< 0.001	< 0.001	< 0.001						
EQT 017 1-2000	< 0.001	< 0.001	< 0.001												
FUG 001 5-78	< 0.001	< 0.001	< 0.001												
FUG 003 7-78	< 0.001	< 0.001	< 0.001												
FUG 005 10-78	< 0.001	< 0.001	< 0.001												
FUG 008 4-96A	< 0.001	< 0.001	< 0.001												
FUG 009 4-96B	< 0.001	< 0.001	< 0.001												

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

All phases

Subject Item	Vinyl acetate			Xylene (mixed isomers)			Zinc (and compounds)			alpha-Chloroacetophenone			bis(2-ethylhexyl)phthalate		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 1-78	0.004	0.005	0.018	0.020	0.025	0.089	0.135	0.436	0.589	0.004	0.005	0.017	0.040	0.048	0.176
EQT 004 1-96							< 0.001	< 0.001	< 0.001						
EQT 005 2-96							< 0.001	< 0.001	< 0.001						
EQT 006 3-96							< 0.001	< 0.001	< 0.001						
EQT 013 1-02				< 0.001	< 0.001	0.001									
EQT 014 2-02				< 0.001	< 0.001	0.001									
EQT 015 3-02															
EQT 016 4-02															
EQT 017 1-2000							< 0.001	< 0.001	< 0.001						
FUG 001 5-78							< 0.001	< 0.001	< 0.001						
FUG 003 7-78							< 0.001	< 0.001	< 0.001						
FUG 005 10-78							< 0.001	< 0.001	< 0.001						
FUG 008 4-96A							< 0.001	< 0.001	< 0.001						
FUG 009 4-96B							< 0.001	< 0.001	0.001						

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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 Air - Title V Regular Permit Major Mod

All phases

		n-Hexane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	
EQT 002 1-78	0.066	2.374	0.288	
EQT 004 1-96				
EQT 005 2-96				
EQT 006 3-96				
EQT 013 1-02				
EQT 014 2-02				
EQT 015 3-02				
EQT 016 4-02				
EQT 017 1-2000				
FUG 001 5-78				
FUG 003 7-78				
FUG 005 10-78				
FUG 008 4-96A				
FUG 009 4-96B				

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

1,1,1-Trichloroethane: 0.048 tons/yr
 1,2-Dibromoethane: 0.003 tons/yr
 1,2-Dichloroethane: 0.096 tons/yr
 2,4-Dinitrotoluene: 0.001 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER200600001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

All phases

2-Methylnaphthalene: <0.001 tons/yr
Acetaldehyde: 1.375 tons/yr
Acetophenone: 0.036 tons/yr
Acrolein: 0.700 tons/yr
alpha-Chloroacetophenone: 0.017 tons/yr
Ammonia: 1.095 tons/yr
Antimony (and compounds): 0.046 tons/yr
Arsenic (and compounds): 0.991 tons/yr
Barium (and compounds): 3.901 tons/yr
Benzene: 3.138 tons/yr
Benzyl chloride: 1.689 tons/yr
Beryllium (Table 51.1): 0.051 tons/yr
Biphenyl: 0.004 tons/yr
bis(2-ethylhexyl)phthalate: 0.176 tons/yr
Bromoform: 0.094 tons/yr
Cadmium (and compounds): 0.123 tons/yr
Carbon disulfide: 0.314 tons/yr
Chlorinated dibenzo-p-dioxins: <0.001 tons/yr
Chlorobenzene: 0.053 tons/yr
Chloroethane: 0.101 tons/yr
Chloroform: 0.142 tons/yr
Chromium VI (and compounds): 0.191 tons/yr
Cobalt compounds: 0.245 tons/yr
Copper (and compounds): 0.199 tons/yr
Cumene: 0.013 tons/yr
Cyanide compounds: 6.030 tons/yr
Dichlorobenzene: <0.001 tons/yr
Dichloromethane: 0.700 tons/yr
Dimethyl sulfate: 0.116 tons/yr
Ethyl benzene: 0.227 tons/yr
Formaldehyde: 0.598 tons/yr
Hydrochloric acid: 487.00 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

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Air - Title V Regular Permit Major Mod

All phases

Hydrofluoric acid: 71.600 tons/yr
Isophorone: 1.399 tons/yr
Lead compounds: 1.014 tons/yr
Manganese (and compounds): 1.209 tons/yr
Mercury (and compounds): 0.201 tons/yr
Methyl bromide: 0.386 tons/yr
Methyl chloride: 1.278 tons/yr
Methyl ethyl ketone: 0.941 tons/yr
Methyl methacrylate: 0.048 tons/yr
Methyl Tertiary Butyl Ether: 0.084 tons/yr
Monomethyl hydrazine: 0.410 tons/yr
n-Hexane: 0.288 tons/yr
Naphthalene: 0.032 tons/yr
Nickel (and compounds): 0.727 tons/yr
Phenol: 0.039 tons/yr
Polynuclear Aromatic Hydrocarbons: 0.052 tons/yr
Propionaldehyde: 0.917 tons/yr
Selenium (and compounds): 3.141 tons/yr
Styrene: 0.060 tons/yr
Sulfuric acid: 26.500 tons/yr
Tetrachloroethylene: 0.104 tons/yr
Toluene: 0.584 tons/yr
Vinyl acetate: 0.018 tons/yr
Xylene (mixed isomers): 0.091 tons/yr
Zinc (and compounds): 0.591 tons/yr

Emission Rates Notes:

SPECIFIC REQUIREMENTS

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Air - Title V Regular Permit Major Mod

AI585

- 1 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]
 - 2 Outdoor burning of waste material or other combustible material is prohibited. [LAC 33:III.1109.B]
 - 3 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]
 - 4 *Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]*
 - 5 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]
 - 6 Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert. [LAC 33:III.5609.A.1.b]
 - 7 Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning. [LAC 33:III.5609.A.2.b]
 - 8 Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency. [LAC 33:III.5609.A.3.b]
 - 9 Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7. [LAC 33:III.5609.A]
 - 10 Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded. [LAC 33:III.905]
 - 11 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]
 - 12 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]
- EQT002 1-78 Unit 1 Boiler**
- 13 Sulfur dioxide \leq 2000 ppmv. [LAC 33:III.1503]
Which Months: All Year Statistical Basis: Three-hour average
 - 14 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
 - 15 Unit 1 Opacity exceedances occur because of high moisture in the stack and during these conditions the alternate opacity monitor (which is upstream of the FGD scrubber) may be utilized as approved in a letter dated December 30, 1997 from the Louisiana Department of Environmental Quality. [LAC 33:III.501.C.6]
 - 16 For Unit 1 Boiler, periods of startup and shutdown are defined as times when the unit is below 200 megawatts (a 523 megawatt system). Due to operational variability during startup and shutdown periods emissions are not considered in excess of permitted levels for all monitored pollutants while operating in startup and/or shutdown mode, (NOx, SO2, and opacity) but these emissions should be included in the quarterly excess emissions report as stated in December 7, 1994 letter from DEQ. [LAC 33:III.501.C.6]
 - 17 Carbon monoxide recordkeeping by continuous emission monitor (CEM) continuously. [LAC 33:III.501.C.6]
 - 18 Carbon monoxide monitored by continuous emission monitor (CEM) continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

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Air - Title V Regular Permit Major Mod

EQT002 1-78 Unit 1 Boiler

- 19 Carbon monoxide: Within six months of issuance of the permit, permittee shall model the highest one hour max. lb/hr CO emissions from the last five years CEMS data, if greater than 3000 lb/hr. Permittee can use ISCST Screen followed by detailed modeling if the facility does not show compliance with the NAAQS using the screening model. [LAC 33:III.501.C.6]
- 20 Carbon monoxide Submit semiannual report: Due semiannually, by March 31st and September 30th for the preceding calendar periods of July 1st through December 31st and January 1st through June 30th. CEMS data shall be evaluated every 6 months to determine if a one hour max lb/hr Carbon Monoxide (CO) emission rate exceeded the maximum 1 hour listed value. The report shall state either that the CO emission rate is in compliance or shall contain a new modeling report based upon the new highest reading showing that the NAAQS has not been exceeded. New qualified CO maximum emission rates can be incorporated through an Administrative Amendment. [LAC 33:III.501.C.6]
- 21 Carbon monoxide ≤ 1364 lb/hr with the maximum 1 hour reading ≤ 10000 lb/hr. It is not a violation of the permit if the maximum 1 hour reading exceeds the listed value, provided that the subsequent required modeling indicates that the emission rate does not cause an exceedance of the NAAQS. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Thirty-day rolling average
- 22 The designated representative shall submit a complete Acid Rain permit application (including a compliance plan) in accordance with the deadlines specified in 40 CFR 72.30, a complete reduced utilization plan if required under 40 CFR 72.43, and any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit. [LAC 33:III.505, 40 CFR 72.9(a)(1)]
- 23 Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority, and have an Acid Rain Permit. [LAC 33:III.505, 40 CFR 72.9(a)(2)]
- 24 Comply with the monitoring requirements as provided in 40 CFR 75. [LAC 33:III.505, 40 CFR 72.9(b)]
- 25 The owners and operators shall hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit and comply with the applicable Acid Rain emissions limitation for sulfur dioxide. [LAC 33:III.505, 40 CFR 72.9(c)(1)]
- 26 An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated. [LAC 33:III.505, 40 CFR 72.9(c)(5)]
- 27 Comply with the applicable Acid Rain emissions limitation for nitrogen oxides. [LAC 33:III.505, 40 CFR 72.9(d)]
- 28 The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(1)]
- 29 The owners and operators of an affected unit that has excess emissions in any calendar year shall pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR 77, and comply with the terms of an approved offset plan, as required by 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(2)]
- 30 Keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.
 - 1.) The certificate of representation for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24, provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.
 - 2.) All emissions monitoring information, in accordance with 40 CFR 75, provided that to the extent that part 75 provides for 3-year period for recordkeeping, the 3-year period shall apply.
 - 3.) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.
 - 4.) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program. [LAC 33:III.505, 40 CFR 72.9(f)(1)]
- 31 The designated representative shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 75 and Subpart I of 40 CFR 72. [LAC 33:III.505, 40 CFR 72.9(f)(2)]

SPECIFIC REQUIREMENTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

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Air - Title V Regular Permit Major Mod

EQ002 1-78 Unit 1 Boiler

- 32 Sulfur dioxide \leq 1.2 lb/MMBTU Where emission limits are based on both maximum allowable emissions in pounds per hour and an allowable based on lb/MMBTU heat input, both of these emission limits must be met to achieve compliance with this permit. [LAC 33:III.509]
Which Months: All Year Statistical Basis: Three-hour average
- 33 Particulate matter (10 microns or less) \leq 0.084 lb/MMBTU Where emission limits are based on both maximum allowable emissions in pounds per hour and an allowable based on lb/MMBTU heat input, both of these emission limits must be met to achieve compliance with this permit. [LAC 33:III.509]
Which Months: All Year Statistical Basis: None specified
- 34 Carbon monoxide \leq 0.15 lb/MMBTU. This limit is BACT for PSD-LA-117(M-5). [LAC 33:III.509]
Which Months: All Year Statistical Basis: Annual average
- 35 Carbon monoxide \leq 0.20 lb/MMBTU. This limit is BACT for PSD-LA-117(M-5). [LAC 33:III.509]
Which Months: All Year Statistical Basis: 30 Day maximum
- 36 The permittee shall operate continuous opacity, sulfur dioxide, nitrogen oxides, and carbon dioxide monitors in accordance with 40 CFR 75.10. These continuous emission monitors (CEM's) will meet equipment and performance specifications in 40 CFR 75, Appendix A. The CEM's shall be subject to quality assurance and quality control procedures as specified in 40 CFR 75, Appendix B. The permittee shall calculate excess emissions of opacity, in percent, and sulfur dioxide, in lb/MMBTU, as provided in 40 CFR 60.45(g)(1) and (2), and excess emissions of nitrogen oxides in lb/MMBTU based on 30-day rolling averages. During periods when the continuous nitrogen oxide monitor is not in operation, the permittee will record nitrogen oxide emissions in accordance with the applicable missing data procedures in 40 CFR 75, Subpart D, Missing Data Substitution Procedures. In addition, the permittee shall operate a carbon monoxide monitor with a daily calibration error that does not exceed \pm 10 percent to measure and record carbon monoxide concentrations continuously. The permittee shall calculate excess emissions of carbon monoxide in lb/MMBTU based on a 30-day rolling average. Emissions in excess of the carbon monoxide emission limitations in Specific Condition 1 in PSD-LA-117 (M-4) shall be reported in accordance with 40 CFR 60.7(c) and (d).
- Permittee shall operate the continuous opacity monitor in accordance with Appendix B, Performance Specification 1, Performance Specifications and Specification Test Procedures for Transmissometer Systems for Continuous Measurement of the Opacity of Stack Emissions. [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- 37 The permittee shall fire only lignite except during the initial hours of start-up and during periods of flame stabilization, at which time fuel oil, propane or natural gas may be fired. When requested, the permitting authority may, at its discretion, grant approval for the permittee to test fire other fuels and/or materials. [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- 38 The permittee shall operate a continuous pH meter to measure and control the pH level of the scrubber liquor. The permittee shall operate a system of alarms to ensure proper operation of the scrubber. This alarm system shall alert the operators on initial indication of scrubber malfunctions. Records of the pH readout and scrubber malfunctions shall be kept and made available for inspection for a minimum of two years. [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- 39 Compliance with the emission limitations in PSD-LA-117 (M-5) shall be determined by the test methods and procedures as set out in 40 CFR 60 Appendix A, Method 5, Determination of Particulate Emissions from Stationary Sources; Method 6, Determination of Sulfur Dioxide Emissions from Stationary Sources; Method 7, Determination of Nitrogen Oxide Emissions from Stationary Sources; Method 9, Visual Determination of the Opacity of Emissions from Stationary Sources; and Method 10, Determination of Carbon Monoxide Emissions from Stationary Sources. Compliance tests shall be conducted under conditions that reflect representative performance of the affected facility, described in Table 1 of permit PSD-LA-117 (M-5). (This test has been completed.) [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- 40 The installed ESP shall be used and diligently maintained in proper working order whenever any emissions are being made which can be controlled by the ESP, even though the ambient air quality standards in the affected areas are not exceeded. [LAC 33:III.905]
- 41 Particulate matter (10 microns or less) \leq 0.10 lb/MMBTU (43 nanograms per joule) heat input derived from fossil fuel or fossil fuel and wood residue. Subpart D. [40 CFR 60.42(a)(1)]
Which Months: All Year Statistical Basis: None specified
- 42 Opacity \leq 20 percent except for one six-minute period per hour of not more than 27 percent opacity. Subpart D. [40 CFR 60.42(a)(2)]
Which Months: All Year Statistical Basis: Six-minute average

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EQT002 1-78 Unit 1 Boiler

- 43 Sulfur dioxide < 0.80 lb/MMBTU from liquid fossil fuel, and from solid fossil fuel < 1.2 lb/MMBTU. Subpart D. [40 CFR 60.43(a)]
Which Months: All Year Statistical Basis: Three-hour average
- 44 Nitrogen oxides < 0.20 lb/MMBTU from gaseous fuels, < 0.30 lb/MMBTU from liquid fossil fuel. Subpart D. [40 CFR 60.44(a)]
Which Months: All Year Statistical Basis: None specified
- 45 Nitrogen oxides < 0.60 lb/MMBTU from lignite. Where emission limits are based on both maximum allowable emissions in pounds per hour and an allowable based on lb/MMBTU heat input, both of these emission limits must be met to achieve compliance with this permit. [40 CFR 60.44(a)]
Which Months: All Year Statistical Basis: Thirty-day rolling average
- 46 Use the procedures in 40 CFR 60.45(c)(1) through (c)(5) for performance evaluations under 40 CFR 60.13(c) and calibration checks under 40 CFR 60.13(d). Subpart D. [40 CFR 60.45(c)]
- 47 Submit excess emission and monitoring system performance reports: Due semiannually for each six-month period in the calendar year. Postmark all semiannual reports by the 30th day following the end of each six-month period. Include the information required in 40 CFR 60.7(c). Subpart D. [40 CFR 60.45(g)]
- 48 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D. [40 CFR 60.45]
Which Months: All Year Statistical Basis: None specified
- 49 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D. [40 CFR 60.45]
Which Months: All Year Statistical Basis: None specified
- 50 Oxygen or Carbon dioxide monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D. [40 CFR 60.45]
Which Months: All Year Statistical Basis: None specified
- 51 Opacity monitored by continuous opacity monitor (COM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D. [40 CFR 60.45]
Which Months: All Year Statistical Basis: None specified
- 52 Conduct the performance tests required in 40 CFR 60.8 using as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.46, except as provided in 40 CFR 60.8(b). Subpart D. Tests have been completed. [40 CFR 60.46(a)]
- 53 The permittee will comply with all applicable requirements of 40 CFR 60 Subpart GGGG. [40 CFR 60.GGGG]
- 54 The permittee will comply with all applicable requirements of 40 CFR 60. Subpart HHHH. [40 CFR 60.HHHH]
- 55 To determine SO₂ emissions, install, certify, operate, and maintain in accordance with all the requirements of 40 CFR 75 a SO₂ continuous emission monitoring system and a flow monitoring system with an automated data acquisition and recording SO₂ concentration (in ppm), volumetric gas flow (in scfh), and SO₂ mass emissions (in lb/hr) discharged to the atmosphere, except as provided in 40 CFR 75.11 and 75.16 and subpart E of 40 CFR 75. [40 CFR 75.10(a)(1)]
- 56 To determine NO_x emissions, install, certify, operate, and maintain in accordance with all the requirements of 40 CFR 75 a NO_x-diluent continuous emissions monitoring system (consisting of a NO_x pollutant concentration monitor and an O₂ or CO₂ diluent gas monitor) with an automated data acquisition and handling system for measuring and recording NO_x concentration (in ppm), O₂ or CO₂ concentration (in percent O₂ or CO₂), and NO_x emission rate (in lb/mmBtu) discharged to the atmosphere, except as provided in 40 CFR 75.12 and 75.17 and subpart E of 40 CFR 75. The owner or operator shall account for total NO_x emissions, both NO and NO₂, either by monitoring for both NO and NO₂ or by monitoring for NO only and adjusting the emissions data to account for NO₂. [40 CFR 75.10(a)(2)]
- 57 Determine CO₂ emissions by using one of the options in 40 CFR 75.10(a)(3)(i), (ii), or (iii), except as provided in 40 CFR 75.13 and subpart E of 40 CFR 75. [40 CFR 75.10(a)(3)]
- 58 Install, certify, operate, and maintain a continuous opacity monitoring system with the automated data acquisition and handling system for measuring and recording the opacity of emissions (in percent opacity) discharged to the atmosphere, except as provided in 40 CFR 75.14 and 75.18. [40 CFR 75.10(a)(4)]

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EQT002 1-78 Unit 1 Boiler

- 59 The owner or operator shall ensure that each continuous emission monitoring system meets the equipment, installation, and performance specifications in appendix A to 40 CFR 75; and is maintained according to the quality assurance and quality control procedures in appendix B to 40 CFR 75; and shall record SO₂ and NO_x emissions in the appropriate units of measurement (i.e., lb/hr for SO₂ and lb/MMBtu for NO_x). [40 CFR 75.10(b)]
- 60 The owner or operator shall record the heat input rate, in units of MM btu/hr, to each affected unit for every hour or part of an hour any fuel is combusted following the procedures in appendix F to 40 CFR 75. [40 CFR 75.10(c)]
- 61 The owner or operator shall ensure that all continuous emission and opacity monitoring systems are in operation and monitoring unit emissions or opacity at all times that the affected unit combusts any fuel except as provided in 40 CFR 75.11(e) and during periods of calibration, quality assurance, or preventive maintenance, performed pursuant to 40 CFR 75.21 and appendix B of 40 CFR 75, periods of repair, periods of backups of data from the data acquisition and handling system, or recertification performed pursuant to 40 CFR 75.20. The owner or operator shall also ensure, subject to the aforementioned exceptions, that all continuous opacity monitoring systems are in operation and monitoring opacity during the time following combustion when fans are still operating, unless fan operation is not required to be included under any other applicable Federal or State regulation, or permit. The owner or operator shall ensure that the requirements of 40 CFR 75.10(d)(1), (2), and (3), as applicable, are met. [40 CFR 75.10(d)]
- 62 The owner or operator shall ensure that each continuous emission monitoring system is capable of accurately measuring, recording, and reporting data, and shall not incur an exceedance of the full scale range, except as provided in sections 2.1.1.5, 2.1.2.5, and 2.1.4.3 of appendix A to 40 CFR 75. [40 CFR 75.10(f)]
- 63 The owner or operator shall record and the designated representative shall report the hourly, daily, quarterly, and annual information collected under the requirements of 40 CFR 75 as specified in subparts F and G of 40 CFR 75. [40 CFR 75.10(g)]
- 64 Each continuous opacity monitoring system shall meet the design, installation, equipment, and performance specifications in Performance Specification 1 in appendix B to 40 CFR 60. [40 CFR 75.14(a)]
- 65 Submit semiannual or annual hardcopy RATA report containing the information required by 75.59(a)(9) if requested by the administrative authority. 75.60(b). [40 CFR 75]
- 66 Comply with the applicable provisions of Subpart C- Operation and Maintenance Requirements, Subpart D- Missing Data Substitution Procedures, Subpart F- Recordkeeping Requirements, and Subpart G- Reporting Requirements. [40 CFR 75]
- 67 Excess emissions of NO_x under 40 CFR 77.6 shall be calculated in accordance with 40 CFR 76.13. [40 CFR 76.13]
- 68 Prior to January 1, 2008, do not discharge, or allow to be discharged, emissions of NO_x to the atmosphere in excess of 0.50 lb/MMBTU of heat input on an average annual basis. [40 CFR 76.5(a)(2)]
- 69 On and after January 1, 2008, do not discharge, or allow to be discharged, emissions of NO_x to the atmosphere in excess of 0.46 lb/MMBTU of heat input on an average annual basis. [40 CFR 76.7(a)(2)]
- 70 The designated representative shall submit, by the applicable deadline under 40 CFR 76.9(b), a complete Acid Rain permit application (or, if the unit is covered by an Acid Rain permit, a complete permit revision) that includes a complete compliance plan for NO_x emissions covering the unit. [40 CFR 76.9(a)]
- 71 The designated representative shall submit a complete Acid Rain permit application, including a complete compliance plan for NO_x emissions covering the unit, in accordance with the deadlines in 40 CFR 72.30(c). [40 CFR 76.9(d)]
- 72 Determine the annual average NO_x emission rate, in lb/MM BTU, using the methods and procedures specified in 40 CFR 75. [40 CFR 76]

EQT004 1-96 Unit Silo Dust Collectors

- 73 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 74 Filter vents: Visible emissions monitored by visual inspection/determination weekly. A method 9 trained observer is not required. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

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Activity Number: PER20060001

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EQT004 1-96 Unit Silo Dust Collectors

- 75 Filter vents: Visible emissions recordkeeping by electronic or hard copy weekly. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 76 Baghouses: Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 77 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 78 Do not discharge from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal, gases that exhibit Opacity > 20 percent (This test has been completed.). [40 CFR 60.252(c)]
Which Months: All Year Statistical Basis: None specified
- 79 Determine compliance with the particulate matter standards in 40 CFR 60.252 using Method 9 and the procedures in 40 CFR 60.11 (This test has been completed.). [40 CFR 60.254(b)]

EQT005 2-96 Lignite Silo Dust Collectors

- 80 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 81 Filter vents: Visible emissions monitored by visual inspection/determination weekly. A method 9 trained observer is not required. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 82 Filter vents: Visible emissions recordkeeping by electronic or hard copy weekly. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 83 Baghouses: Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 84 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 85 Do not discharge from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal, gases that exhibit Opacity > 20 percent (This test has been completed.). [40 CFR 60.252(c)]
Which Months: All Year Statistical Basis: None specified

EQT006 3-96 Central Vacuum Cleaning System

- 86 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

EQT007 5-96 Cooling Tower

SPECIFIC REQUIREMENTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

EQT007 5-96 Cooling Tower

87 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

EQT012 10-96 Gasoline Tank

88 Equip with a submerged fill pipe. [LAC 33:III.2103.A]

EQT013 1-02 Fire Pump Diesel Engine

89 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

90 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT014 2-02 Emergency Generator Diesel Engine

91 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

92 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

FUG001 5-78 Lignite Storage

93 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

94 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

95 The permittee shall apply a water and chemical stabilizer to any active lignite storage piles and shall apply a crusting agent to any inactive lignite storage piles as necessary to reduce fugitive emissions and in accordance with manufacturer's recommendations. [PSD-LA-117 (M-5)]. [LAC 33:III.509]

96 Opacity \leq 5 percent, except opacity \leq 20 percent on active piles being worked. [PSD-LA-117 (M-5)]. [LAC 33:III.509]

Which Months: All Year Statistical Basis: None specified

97 Do not discharge from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal, gases that exhibit Opacity $>$ 20 percent (This test has been completed.). [40 CFR 60.252(c)]

Which Months: All Year Statistical Basis: None specified

FUG002 6-78 Limestone Storage

SPECIFIC REQUIREMENTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

FUG002 6-78 Limestone Storage

- 98 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 99 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 100 Opacity <= 5 percent [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- Which Months: All Year Statistical Basis: None specified

FUG003 7-78 Lignite Transfer

- 101 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 102 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 103 Opacity <= 5 percent [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- Which Months: All Year Statistical Basis: None specified
- 104 The permittee shall utilize partial enclosures (for sides and top) on conveyor belts. [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- 105 The permittee shall utilize wet suppression on transfer points. [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- 106 The permittee shall provide protective enclosures at the transfer points and chutes and at the lignite crushing station. Protective enclosures shall be actual physical enclosures of transfer points and chutes. [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- 107 Do not discharge from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal, gases that exhibit Opacity > 20 percent (This test has been completed). [40 CFR 60.252(c)]
- Which Months: All Year Statistical Basis: None specified

FUG004 8-78 Limestone Transfer

- 108 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 109 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 110 Opacity <= 5 percent [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- Which Months: All Year Statistical Basis: None specified
- 111 The permittee shall utilize partial enclosures (for sides and top) on conveyor belts. [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- 112 The permittee shall provide protective enclosures at the transfer points and chutes and at the lignite crushing station. Protective enclosures shall be actual physical enclosures of transfer points and chutes. [PSD-LA-117 (M-5)]. [LAC 33:III.509]

FUG005 10-78 Lignite Unloading

SPECIFIC REQUIREMENTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

Activity Number: PER20060001

Permit Number: 0760-00001-V1

Air - Title V Regular Permit Major Mod

FUG005 10-78 Lignite Unloading

- 113 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 114 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 115 Opacity \leq 5 percent [PSD-LA-117 (M-5)]. [LAC 33:III.509]
Which Months: All Year Statistical Basis: None specified
- 116 The permittee shall utilize a telescopic chute with wet suppression. [PSD-LA-117 (M-5)]. [LAC 33:III.509]
- 117 Do not discharge from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal, gases that exhibit Opacity > 20 percent (This test has been completed.). [40 CFR 60.252(c)]
Which Months: All Year Statistical Basis: None specified

FUG006 11-78 Limestone Unloading

- 118 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 119 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 120 Opacity \leq 5 percent [PSD-LA-117 (M-5)]. [LAC 33:III.509]
Which Months: All Year Statistical Basis: None specified
- 121 The permittee shall utilize an enclosed hopper that is designed to minimize the distance (maximum 8 ft. when the truck is empty) the limestone drops into the trucks from the bottom dump railroad car vessel. [PSD-LA-117 (M-5)]. [LAC 33:III.509]

FUG007 12-78 Fugitive Dust-Roads

- 122 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 123 The permittee shall pave all permanent on site roads and shall water all temporary on site roads as necessary to control fugitive dust. Fugitive particulate emissions from on site roads shall not exceed an opacity limitation of 20 percent. [PSD-LA-117 (M-5)]. [LAC 33:III.509]

FUG008 4-96A Fly Ash Loading Emissions

- 124 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 125 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

FUG009 4-96B Scrubber Ventilation Vent

SPECIFIC REQUIREMENTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station
Activity Number: PER20060001
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Air - Title V Regular Permit Major Mod

FUG009 4-96B Scrubber Ventilation Vent

- 126 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 127 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

GRP003 Entire Facility

- 128 bis(2-ethylhexyl)phthalate <= 0.176 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 129 2,4-Dinitrotoluene <= 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 130 7,12-Dimethylbenz[a]anthracene < 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 131 Acenaphthylene <= 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 132 Anthracene <= 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 133 Benzo(a)anthracene < 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 134 Benzo(a)pyrene < 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 135 Benzo(b)fluoranthene < 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 136 Benzo(g,h,i)perylene < 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 137 Benzo(k)fluoranthene < 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 138 Chromium VI (and compounds) <= 0.191 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 139 Fluorene <= 0.002 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 140 Indeno(1,2,3-cd)pyrene < 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 141 Phenanthrene <= 0.007 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 142 Pyrene <= 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 143 Particulate matter (10 microns or less) <= 2618.80 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

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Air - Title V Regular Permit Major Mod

GRP003 Entire Facility

- 144 Sulfur dioxide <= 35850.50 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 145 VOC, Total <= 98.22 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 146 1,1,1-Trichloroethane <= 0.048 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 147 alpha-Chloroacetophenone <= 0.017 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 148 2-Methylnaphthalene < 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 149 Acetaldehyde <= 1.375 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 150 Acetophenone <= 0.036 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 151 Acrolein <= 0.700 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 152 Benzene <= 3.138 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 153 Benzyl chloride <= 1.689 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 154 Biphenyl <= 0.004 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 155 Bromoform <= 0.094 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 156 Carbon disulfide <= 0.314 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 157 Chlorobenzene <= 0.053 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 158 Chloroform <= 0.142 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 159 Cumene <= 0.013 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 160 Cyanide compounds <= 6.030 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 161 Dichlorobenzene < 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 162 Dimethyl sulfate <= 0.116 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 163 Ethyl benzene <= 0.227 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 585 - CLECO Corp - Dolet Hills Power Station

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Air - Title V Regular Permit Major Mod

GRP003 Entire Facility

- 164 Chloroethane \leq 0.101 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 165 1,2-Dibromoethane \leq 0.003 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 166 1,2-Dichloroethane \leq 0.096 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 167 Formaldehyde \leq 0.598 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 168 n-Hexane \leq 0.288 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 169 Isophorone \leq 1.399 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 170 Methyl bromide \leq 0.386 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 171 Methyl chloride \leq 1.278 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 172 Methyl ethyl ketone \leq 0.941 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 173 Monomethyl hydrazine \leq 0.410 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 174 Methyl methacrylate \leq 0.048 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 175 Methyl Tertiary Butyl Ether \leq 0.084 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 176 Naphthalene \leq 0.032 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 177 Phenol \leq 0.039 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 178 Polynuclear Aromatic Hydrocarbons \leq 0.052 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 179 Propionaldehyde \leq 0.917 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 180 Styrene \leq 0.060 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 181 Tetrachloroethylene \leq 0.104 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 182 Toluene \leq 0.584 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 183 Xylene (mixed isomers) \leq 0.091 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

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AI ID: 585 - CLECO Corp - Dolet Hills Power Station

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GRP003 Entire Facility

- 184 Ammonia \leq 1.095 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 185 Antimony (and compounds) \leq 0.046 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 186 Arsenic (and compounds) \leq 0.991 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 187 Barium (and compounds) \leq 3.901 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 188 Beryllium (Table 51.1) \leq 0.051 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 189 Cadmium (and compounds) \leq 0.123 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 190 Cobalt compounds \leq 0.245 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 191 Copper (and compounds) \leq 0.199 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 192 Hydrochloric acid \leq 487.00 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 193 Hydrofluoric acid \leq 71.600 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 194 Lead compounds \leq 1.014 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 195 Manganese (and compounds) \leq 1.209 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 196 Mercury (and compounds) \leq 0.201 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 197 Nickel (and compounds) \leq 0.727 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 198 Selenium (and compounds) \leq 3.141 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 199 Vinyl acetate \leq 0.018 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 200 Zinc (and compounds) \leq 0.591 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 201 Methane \leq 0.150 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 202 Chlorinated dibenzo-p-dioxins $<$ 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 203 Sulfuric acid \leq 26.500 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

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AI ID: 585 - CLECO Corp - Dolet Hills Power Station

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GRP003 Entire Facility

- 204 Nitrogen oxides \leq 8970.53 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 205 Carbon monoxide \leq 4482.62 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 206 Dichloromethane \leq 0.700 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum